

**Amendments to the Specification:**

Page 3, please delete last paragraph (lines 18-25) and pages 4 and 5 in its entirety.

Page 6, please delete lines 1-4.

Page 6, first full paragraph (lines 5-17), please amend as follows:

The In one aspect of the present invention ~~described in claim~~ according to one embodiment, is a correlation system including a frequency adding unit having a predetermined plurality  $n$  of multiplying unit (EXOR), an adder, a spreader, and a correlator, wherein the plurality  $n$  of multiplying unit (EXOR) each receive a corresponding frequency component ( $F_1$ - $F_n$ ) and a symbol data  $DO(t)$  as a base and multiply both of them to output a multiplied symbol data  $D_1(t) - D_n(t)$ , the adder receives said symbol data  $D_1(t) - D_n(t)$  from a respective multiplying unit (EXOR) and said symbol data  $DO(t)$  as the base and performs an adding process for them to output a resultant addition symbol data  $D(t)$ , the spreader receives a spread signal of said addition symbol data  $D(t)$  and superposes thereon a spread code  $L(t)$  to output a corrected reference signal  $R(t)$ , and the correlator receives said corrected reference signal  $R(t)$  and a measurement signal  $S(t)$  and takes a correlation between them to output a correlation output signal.

Page 6, delete second full paragraph (lines 18-20) in its entirety.

Page 6, lines 21-23, please amend as follows:

The Another aspect of the present invention ~~described in claim 12,~~ is a correlation system ~~according to claim 10,~~ wherein the measurement signal  $S(t)$  is a reception signal of a spread

signal spectrum spread.

Page 6, last paragraph (lines 24-26), please delete in its entirety.

Page 7, lines 4-11 (second full paragraph), please delete in its entirety.

Page 7, lines 12-24, please amend as follows:

~~The~~ In another aspect of the present invention ~~described in claim 16,~~ is a correlation method including a frequency adding step having a predetermined plurality  $n$  of multiplying step (EXOR), an adding step, a spreading step, and a correlating step, wherein the plurality  $n$  of multiplying step (EXOR) each receive a corresponding frequency component ( $F_1 - F_n$ ) and a symbol data  $DO(t)$  as a base and multiply both of them to output a multiplied symbol data  $D_1(t) - D_n(t)$ , the adding step receives said symbol data  $D_1(t) - D_n(t)$  from a respective multiplying step (EXOR) and said symbol data ( $DO(t)$ ) as the base and performs an adding process for them to output a resultant addition symbol data  $D(t)$ , the spreading step receives a spread signal of said addition symbol data  $D(t)$  and superposes thereon a spread code  $L(t)$  to output a corrected reference signal  $R(t)$ , and the correlating step receives said corrected reference signal  $R(t)$  and a measurement signal  $S(t)$  and takes a correlation between the to output a correlation output signal.

Page 7, last paragraph (lines 25-27) through page 8 (lines 1-7), please delete in its entirety.

Page 8, lines 8-22, please amend as follows:

~~The~~ Another aspect of the present invention ~~described in claim 18,~~ is a computer-readable medium embodying a program of instructions for execution by the computer to perform a correlation method including a frequency adding step having a predetermined plurality  $n$  of

multiplying step (EXOR), an adding step, a spreading step, and a correlating step, wherein the plurality  $n$  of multiplying step (EXOR) each receive a corresponding frequency component ( $F1 - Fn$ ) and a symbol data ( $DO(t)$ ) as a base and multiply both of them to output a multiplied symbol data  $D1(t) - Dn(t)$ , the adding step receives said symbol data  $D1(t) - Dn(t)$  from a respective multiplying step (EXOR) and said symbol data  $DO(t)$  as the base and performs an adding process for them to output a resultant addition symbol data  $D(t)$ , the spreading step receives a spread signal of said addition symbol data  $D(t)$  and superposes thereon a spread code  $L(t)$  to output a corrected reference signal  $R(t)$ , and the correlating step receives said corrected reference signal  $R(t)$  and a measurement signal  $S(t)$  and takes a correlation between them to output a correlation output signal.

Page 8, last full paragraph, lines 23-27, through page 9, lines 1-13, please delete entirely.

Page 9, lines 14-26, please amend as follows:

The Another aspect of the present invention ~~described in claim 21~~, is a correlation system including a frequency adding device having a predetermined plurality  $n$  of multiplying device (EXOR), an adder, a spreader, and a correlator, wherein the plurality  $n$  of multiplying device (EXOR) each receive a corresponding frequency component ( $F1 - Fn$ ) and a symbol data  $DO(t)$  as a base and multiply both of them to output a multiplied symbol data  $D1(t) - Dn(t)$ , the adder receives said symbol data  $D1(t) - Dn(t)$  from a respective multiplying device (EXOR) and said symbol data  $DO(t)$  as the base and performs an adding process for them to output a resultant addition symbol data  $D(t)$ , the spreader receives a spread signal of said addition symbol data  $D(t)$  and superposes thereon a spread code  $L(t)$  to output a corrected reference signal  $R(t)$ , and the

correlator receives said corrected reference signal  $R(t)$  and a measurement signal  $S(t)$  and takes a correction between them to output a correlation output signal.